

CITY OF MILWAUKEE SPECIFICATION
BID NO. 20129 - Remotely Operated Vehicle (ROV)

NOTE: THIS SPECIFICATION AND ANY ACCOMPANYING SPECIFICATIONS OR BID CAN BE APPEALED.

FORMAL SPECIFICATION APPEALS MUST BE SUBMITTED IN WRITING TO THE CITY PURCHASING DIRECTOR FOR ALL BIDS NO LATER THAN FIVE (5) BUSINESS DAYS PRIOR TO BID OPENING. **REQUESTS RECEIVED AFTER THIS TIMEFRAME WILL NOT BE CONSIDERED.**

FORMAL SPECIFICATION APPEALS MUST NOT ONLY IDENTIFY THE PROVISION THAT IS OF CONCERN, BUT ALSO IDENTIFY A PROPOSED ALTERNATE SOLUTION SUPPORTED BY TECHNICAL DATA AND/OR TEST RESULTS FOR CONSIDERATION.

NOTICE

***AN APPEAL FEE (CHECK OR MONEY ORDER) OF 1.25% OF THE ESTIMATED DOLLAR AMOUNT OF THE ANTICIPATED CONTRACT IS REQUIRED WITH A BID SPECIFICATION APPEAL. THIS FEE IS A PREREQUISITE FOR PURSUING A FORMAL SPECIFICATION APPEAL AND MUST ACCOMPANY THE APPEAL.
THE APPEAL FEE WILL BE RETURNED IF THE APPEAL IS UPHELD.***

CONTACT THE APPROPRIATE PURCHASING AGENT OR THE PROCUREMENT SPECIALIST IDENTIFIED IN THE BID SOLICITATION FOR THE APPEAL FEE AMOUNT AND FILING INSTRUCTIONS.

CAUTION

A BID THAT DOES NOT FULLY COMPLY WITH ALL OF THE PROVISIONS, TERMS, AND CONDITIONS OF THIS OR ANY ACCOMPANYING SPECIFICATION BID MAY BE DETERMINED AS A COUNTEROFFER AND MAY RESULT IN THE BID BEING REJECTED FOR NON-RESPONSIVENESS.

- I. GENERAL:** It is the intent of this specification to describe the minimum requirements for one (1) Remotely Operated Vehicle (ROV) to be purchased by the City of Milwaukee Police Department (MPD).
- II. THE REPUBLICAN NATIONAL CONVENTION:** The City of Milwaukee was selected to host the 2024 Republican National Convention (RNC) from July 15 through July 18, 2024. This was deemed a National Special Security Event (NSSE) and will require a large security presence during the event.

- III. PROJECT OVERVIEW & GOALS:** The Milwaukee Police Department is seeking responses to this Request for Bid for one (1) Remotely Operated Vehicle (ROV). This vehicle will be used by the Milwaukee Police Department Underwater Investigation Unit / Dive Team to identify anomalies and targets of interest under the water in various waterways within the City of Milwaukee.
- IV. AWARD:** The award and any contract made pursuant to the award are contingent on sufficient funding, as determined by the City, being made available to the City for the purposes of this award and the 2024 Republican National Convention. In line with past presidential nominating conventions, funding is dependent on an appropriation by Congress to the U.S. Department of Justice (DOJ) and a subsequent grant award by DOJ to the City. The City anticipates funding will be finalized on or about March 1, 2024, based on past conventions. The City reserves the right to not issue a contract pursuant to the award for any reason and/or to issue a contract before the City receives the grant.
- V. SPECIFICATIONS:** Please note that MPD would prefer products or materials that are made in the United States of America.

A. TECHNICAL REQUIREMENTS:

Quantity: 1

Equipment

- Underwater ROV with a minimum of three (3) sealed, magnetically coupled drives capable of diving to depths of one thousand feet. Must be equipped with internal heading, depth, velocity, and water temperature sensors.
- Ultra-Short Baseline (USBL) acoustic sensors for underwater acoustic positioning
- Handheld weather resistant controller with base station option
- Articulating dual frequency multiband imaging sonar
- Articulating high resolution 4K camera
- Articulating equipment arm with interchangeable tools
- Articulating and fixed LED lighting
- Load bearing tether line
- Wheeled, portable cases for ROV and related equipment

Performance and Capabilities

- Rapid, emergent deployment from patrol vessels for search and rescue operations
- Methodical, fixed point deployments for recovery operations and hull, bridge abutment, and sea wall searches for Improvised Explosive Device (IEDs)
- Active yaw rate, depth, heading, altitude, and speed control for station keeping in currents up to 3 knots
- Field interchangeable grab arms and tools to meet mission needs
- Tethers capable of supporting full free hanging weight of ROV and attached equipment out of the water for deployment and recovery from sea wall or bridge heights

- ROV system must remain operational with minimal routine maintenance in harsh, demanding environments.
- In the event of damage or malfunction, the ROV must be readily serviceable by expert technicians in a timely manner to maintain operational status
- Modular components to ensure upgradeability as technology advances

Training

- In-person pool and field training for ROV, accessories, onboard sensory systems, USBL capabilities, and software to include deployment, operations, recovery, and maintenance.

B. **DELIVERY**: The following describes the procedure to be used in the delivery of the equipment and its documentation. Delivery of the equipment shall be no later than **May 1, 2024**.

1. **LOCATION**: Equipment, original invoices, and related paperwork shall be delivered to the address listed below. No deliveries after 4:00pm, or on weekends or holidays.

Attn: RNC Planning Unit
Milwaukee Police Department
1150 N. Alois St.
Milwaukee, WI 53208

2. **DELIVERY TICKET**: Delivery ticket shall be furnished in duplicate. A member of the Milwaukee Police Department RNC Planning Unit will sign the form at the time of delivery and a copy shall be retained by the City.

C. **EXCEPTIONS**: Bidders shall attach a copy of this completed specification with their bid and provide information to fully explain any exceptions taken to the above specification items. Unless otherwise noted, the above are minimum requirements for the equipment described in this specification. All requirements must be met. An exception that provides a component which exceeds the minimum requirement will usually be considered as acceptable, provided all other criteria are met. ***Likewise, an exception that provides a component which does not meet the minimum requirement will usually be considered unacceptable.***